2153

1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#8/a

mm

7-21-03

In re Application of:	D'Arcy M. Tyrrell, III et al.
Serial No.:	09/609,046
Filing Date:	June 30, 2000
Examiner:	Anita Choudhary
Group Art Unit:	2153
Title:	*Method and System for Distributed Rendering*

RECEIVED

JUL 1 7 2003

Technology Center 2100

Mail Stop: Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450, on the date shown below.
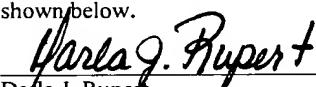
Darla J. Rupert
Darla J. Rupert

Date of Signature: July 10, 2003

Dear Sir:

Response Pursuant to 37 C.F.R. § 1.111

In response to the Office Action mailed April 10, 2003, Applicants respectfully request the Examiner to reconsider the rejection of the claims in view of the following amendments and comments.

5.   **(Original)** The method of Claim 4, wherein the capabilities database stores the type of rendering package associated with each of the plurality of render servers.

6.   **(Original)** The method of Claim 4, wherein the capabilities database stores a processing status for each of the plurality of the render servers.

7.   **(Currently amended)** The method of Claim 1, and further comprising transmitting the rendered ~~render job~~ **first and second frames** to the client.

8.   **(Currently amended)** A system for rendering images, comprising:

a plurality of render servers operable to render a render job having an associated job profile **and a plurality of frames**;

a resource database comprising resource information regarding the plurality of render servers; and

a schedule server coupled to the render server via a communications medium and operable to distribute ~~the render job~~ **a first frame of the plurality of frames** to **a first** one ~~or more~~ of a plurality of render servers **and a second frame of the plurality of frames to a second one of the plurality of render servers** based on a comparison of the job profile and the resource information.

9.   **(Original)** The system of Claim 8, wherein the resource information comprises the type of rendering package associated with each of the plurality of render servers.

10.   **(Original)** The system of Claim 8, wherein the resource information comprises a processing status for each of the plurality of render servers.

11.   **(Original)** The system of Claim 8, wherein the schedule server is operable to determine whether a particular one of the render servers is capable of rendering a particular render job.

12.   (Original) The system of Claim 8, wherein the resource database further comprises resource information regarding a plurality of render hosts associated with respective ones of the render servers.

13.   (Original) The system of Claim 12, wherein the resource information comprises hardware configuration information regarding the render hosts.

14.   (Currently amended) A system for providing distributed rendering servers comprising:

a local rendering system operable to receive and render a render job **having a plurality of frames**; and

at least one remote rendering system **comprising a plurality of remote render servers and** operable to**:**

receive from the local rendering system the render job**;**

distribute a first frame of the plurality of frames to a first one of the plurality of remote render servers and a second frame of the plurality of frames to a second one of the plurality of remote render servers; ~~and~~

render the **first and second frames concurrently at the first and second remote render servers** ~~render job and further operable to;~~ **and**

return a result of the render job to the local rendering system.

15.   (Original) The system of Claim 14, wherein the local rendering system comprises:

a plurality of render servers operable to render a render job having an associated job profile;

a resource database comprising resource information regarding the plurality of render servers; and

a schedule server coupled to the render server via a communications medium and operable to distribute the render job to one or more of a plurality of render servers based on a comparison of the job profile and the resource information.

5

16. **(Currently amended)** The system of Claim 14, wherein the remote rendering system comprises:

~~a plurality of render servers operable to render a render job having an associated job profile;~~

a resource database comprising resource information regarding the plurality of render servers; and

a schedule server coupled to the **remote** render **servers** ~~server~~ via a communications medium and operable to distribute the **plurality of** render ~~job~~ **frames** to ~~one or more of a plurality of~~ **at least the first and second remote** render servers based on a comparison of the job profile and the resource information.

17. **(Currently amended)** The system of Claim 16, wherein the resource information comprises the type of rendering package associated with each of the plurality of **remote** render servers.

18. **(Currently amended)** The system of Claim 16, wherein the resource information comprises a processing status for each of the plurality of **remote** render servers.

19. **(Currently amended)** The system of Claim 16, wherein the schedule server is operable to determine whether a particular one of the **remote** render servers is capable of rendering a particular render job.

20. **(Currently amended)** The system of Claim 16, wherein the resource database further comprises resource information regarding a plurality of render hosts associated with respective ones of the **remote** render servers.